

DRILL HOLES

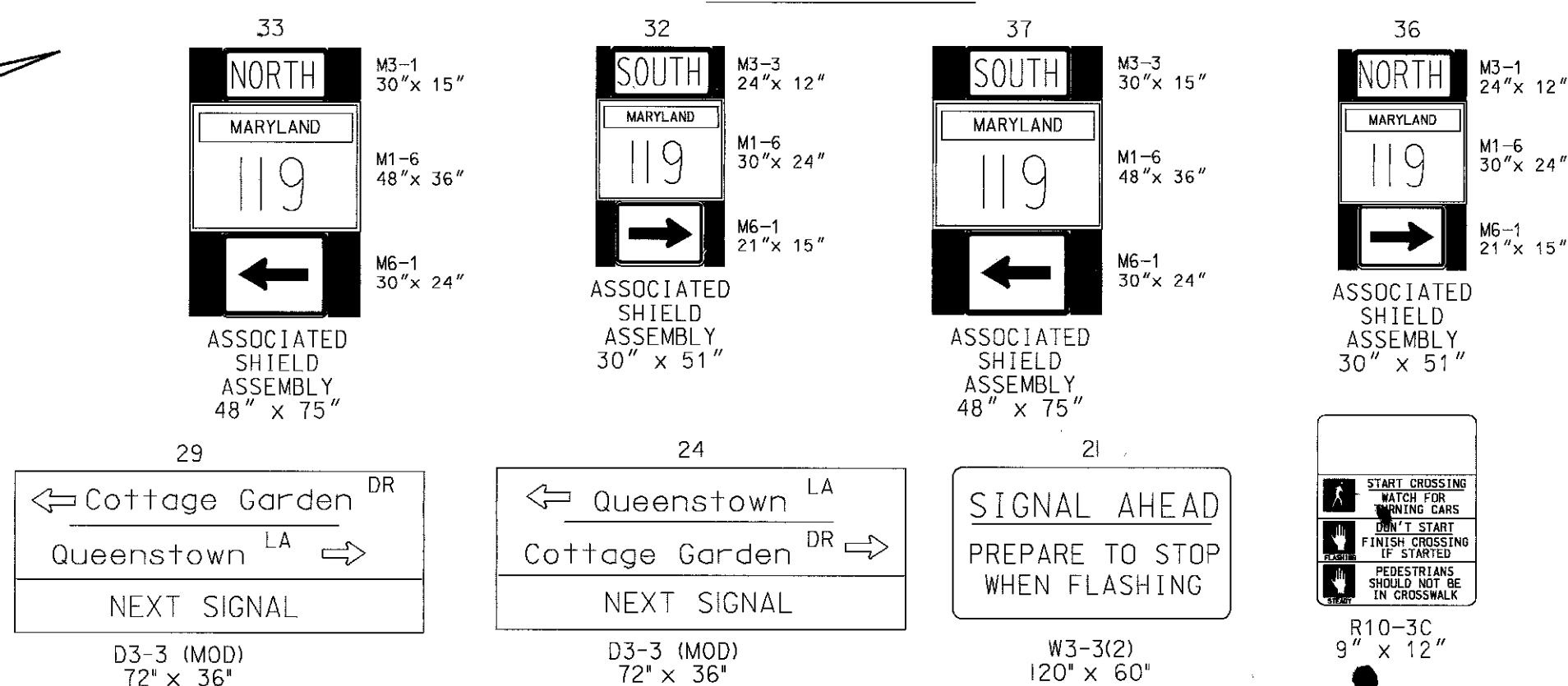
DRILL HOLES

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BORDER REV. DATE: June 1, 2004

MD 119 IS ASSUMED TO RUN IN  
A NORTH-SOUTH DIRECTION

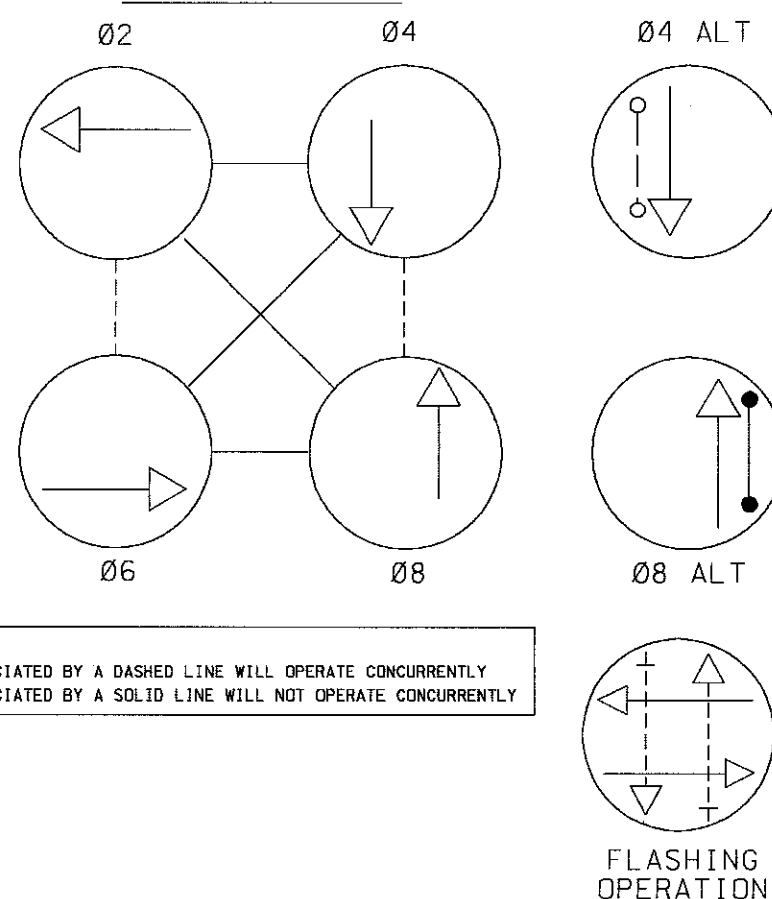
## EXISTING SIGNS



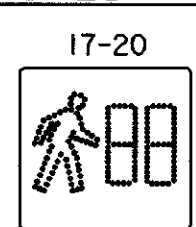
## EXISTING SIGNS

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## NEMA PHASING



## PROPOSED SIGNALS

16" PEDESTRIAN  
COUNTDOWN SIGNAL  
HEAD "LED" TYPE

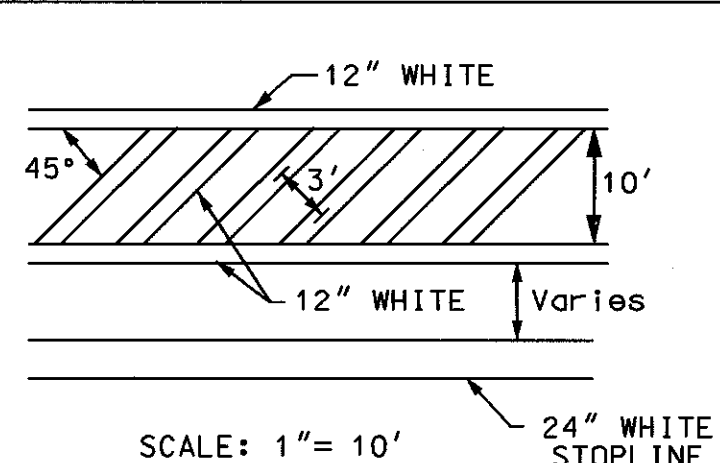
## GENERAL NOTES:

- All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
- All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
- All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- Contractor shall remove all unused wiring.

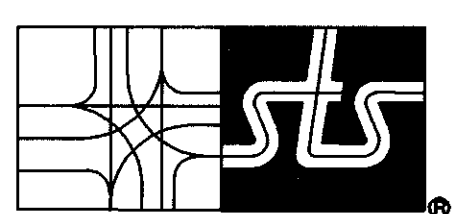
## CONSTRUCTION DETAILS

- Install 10' pedestal pole with countdown pedestrian signal head, pushbutton and pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- Install countdown pedestrian signal head, pushbutton and pedestrian education sign on existing signal pole as shown.
- Remove existing asphalt handicap ramp and install proposed handicap ramp with detectable warning surfaces as shown.
- Install detectable warning surfaces as shown.
- Remove existing pedestrian signal heads on double brackets and pushbutton from signal pole. Install existing pedestrian signal head for side street only on a single bracket as shown.
- Install 12" white heat applied preformed thermoplastic pavement marking. (Crosswalk)
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Remove existing pavement marking as shown.
- Use existing conduit.
- Install 4" concrete sidewalk as shown.
- Use existing cabinet and controller.
- Maintain existing underground service by PEPCO.
- Use existing handhole.

## CROSSWALK AND STOPLINE DIMENSION TYPICAL



NOTES:  
1. ALL CROSSWALKS SHALL BE CENTERED ON HANDICAPPED RAMPS UNLESS OTHERWISE NOTED.



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D6-22

## APPROVALS

## REVISIONS

TEAM LEADER  
ASST. DIV. CHIEF  
DIVISION CHIEF  
OFFICE DIRECTOR

REVISIONS  
A. INSTALL COUNTDOWN PEDS 3/28/05  
ACROSS MD 119  
JWA [Signature] [Signature]

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

MD 119 (GREAT SENECA HWY)  
AND QUEENSTOWN LANE /  
COTTAGE GARDEN DRIVE

SCALE 1" = 20' DATE 2-7-02 CONTRACT NO. XX1065285

DESIGNED BY R R ZACHERL COUNTY MONTGOMERY  
DRAWN BY W J NIES LOGMILE 15011906.11  
CHECKED BY TIMS: 6766  
F.A.P. NO.

DRAWING NO. 4164A - OF SHEET NO. 1 OF 2

PLOTTER: DATETIME\$  
FILE: \$FILE\$